



## Kunzang Cheki

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### PROFILE

AI & Data Science graduate with over 2 years of internship experience, including 6 months in AI research and application development. Skilled in machine learning, deep learning, NLP, computer vision, cybersecurity, and full-stack development, with hands-on expertise in model training and deployment. Completed projects ranging from gender recognition, NuVision currency detector (CNN), AI dermatology, and resume ranking (NLP) to game and web development. Known for a maker's mindset, teamwork, and problem-solving, blending technical precision with creativity to deliver impactful solutions.

### TECHNICAL SKILL

- AI & Machine Learning: Model training, deployment, computer vision, NLP, deep learning
- Data Analysis & Visualization: NumPy, Pandas, TensorFlow, Matplotlib, Seaborn
- Frontend Development: React.js, HTML5, Tailwind CSS
- Programming Languages: Python, Golang, JavaScript
- Databases: MongoDB, MySQL
- Cloud Services: Basic knowledge of AWS

### SOFT SKILL

- Collaborative
- Disciplined
- Punctuality
- Adaptable
- Team work
- Leadership

## EDUCATION

Bachelor of Computer Science in AI development and Data Science  
Gyalpozhing College of Information Technology, Bhutan

2022-2026

Higher Secondary School (Pure Science)  
Nangkor Central School, Bhutan

2019-2021

## EXPERIENCE

### 1. Work Experience

#### **Intern – Sseed Studio**

July 2023 - Present

*Shenzhen, China (Remote)*

Currently interning at Sseed Studio with over 2 years of experience, including 6 months in AI research and product promotion. Alongside technical work, I mostly contribute to the marketing team, creating clear, accurate, and engaging technical content for diverse audiences. This internship continues to strengthen my technical expertise, teamwork, adaptability, and communication skills, while bridging AI innovation with real-world applications.

#### **Product Owner - Enki Realm**

Jan 2024 - Sep 2035

*Thimphu, Bhutan*

As a Product Owner at Enki Realm, I manage project timelines, ensure smooth client communication, and oversee frontend development to align deliverables with user and business goals. My role involves coordinating between design and development teams, translating client needs into actionable tasks, and maintaining clear progress tracking to ensure timely and high-quality project delivery.

### 2. Leadership Experience

#### **Games and Sports Coordinator**

Feb 2025 - Present

*Gyalpozhing College of Information Technology, Bhutan*

Coordinated and conducted college sports tournaments, managed teams, and led various games and events, promoting teamwork and active participation among students.

## PROJECTS

### **Druk Health – Zhiwa CTG**

**Role:** Model Trainer, UI Designer, Backend Developer, App Integrator

Developed an AI-powered Cardiotocography (CTG) system to monitor fetal health. Handled model training, backend integration, and UI design to create an end-to-end solution for early risk detection and better maternal care.

**Skills:** Deep Learning, UI/UX Design, Backend Development, System Integration

### **AI Dermatology: Deep Learning for Skin Problem Detection**

**Role:** Model Trainer, Frontend Developer & Project Lead

Built and trained deep neural networks to analyze skin images and detect common dermatological issues. Developed a prototype application that provides instant, AI-driven insights and possible solutions for skin problems.

**Skills:** Deep Learning, Computer Vision, Project Management

### **NuVision: Currency Detector for Visually Impaired**

**Role:** Model Trainer & App Integrator

Developed an accessibility-focused mobile app to assist visually impaired users in identifying Bhutanese currency. Trained and integrated a CNN-based recognition model into the app for real-time detection, improving transaction safety and independence.

**Skills:** Machine Learning, Mobile App Development, Accessibility Design

### **Gender Recognition using Machine Learning**

**Role:** Model Trainer & App Integrator

Trained classification models using ML algorithms to accurately predict gender from datasets. Developed an interactive web interface for real-time predictions, handling both model training and frontend integration.

**Skills:** Machine Learning, Frontend Development, Model Deployment

### **Resume Ranking System using NLP**

**Role:** NLP Engineer & Backend Developer

Designed and implemented an NLP-based system to analyze and rank resumes according to job descriptions. Integrated keyword extraction, similarity scoring, and a recommendation engine to streamline recruitment processes.

**Skills:** Natural Language Processing, Python, Flask, Text Similarity, Recommendation Systems

## Web Development: Room Reservation System

**Role:** Full-Stack Developer

Created and deployed a web-based room booking system with a user-friendly interface and secure backend. Implemented both frontend and backend functionalities for seamless reservation management

**.Skills:** Web Development, Frontend Design, Database Handling

### PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS

**AWS Academy Cloud Foundations**

2024

Completed the AWS Academy Cloud Foundations course, gaining a comprehensive understanding of fundamental cloud computing concepts. Acquired knowledge in AWS core services, security best practices, cloud architecture, and cost management.

### REFERENCES

Chimi Dema, Lecturer, Gyalpozhing College of Information Technology  
chimi.gcit@rub.edu.bt

Passang Lhamo Waiba, Team Member, Gyalpozhing College of Information Technology  
12220050.gcit@rub.edu.bt

